

Division of Humanities
School of Humanities and Social Science

Course syllabus

Course code & title: HUMA 3050 Psychology of Language [actually, "Psycholinguistics"]
Course offered: Spring 2022
Course instructor: Dr. Quentin Zhen QIN (hmzqin@ust.hk)
Course TA: Mr. Jeremy Yin To CHUI (ytchuiac@connect.ust.hk)
Course time and venue: 12:00-1:20 PM, Tuesday & Thursday, at LTH/online
Office hours: 3:00-4:00 PM, Tu (Instructor, f2f/online); 10:00-11:00 AM, Fr (TA, online)

Course Description

This course will focus on the psychological processes of language use. It includes an introduction to basic linguistic and psychological models and examines the biological foundations of language. Psycholinguistic issues in language comprehension and language production will be discussed. Over the course of the semester, it covers research areas such as speech perception and production, word recognition, sentence processing, and language in the brain

Intended Learning Outcomes (ILOs)

- Understand the major theories and models of language processing
- Assess weakness and strength of a scientific study of linguistics
- Effectively communicate findings of a psycholinguistics study through speaking and writing
- Objectively evaluate research designs and tools used by a psycholinguistics study
- Study language phenomenon from an empirical perspective

Textbook

David W. Carroll. (2008). *Psychology of Language* (5th ed.) Cengage Learning. Australia ; Belmont, CA : Wadsworth. (Required, library reserve for 3 days)
Fromkin, Rodman, and Hyams. (2014). *An Introduction to Language*. 10th ed. Australia: Cengage Learning. (Optional, a supplementary textbook for students who did not take HUMA 1010)

Assessment

1. Class Attendance and Participation (individually assessed – 10%)
2. In-Class Quiz (individually assessed – 30%)
3. Written Summary (individually assessed – 20%)
4. Poster Presentation and Submission (group assessed – 40%)

Attendance policy

- You should attend class regularly and participate in class activities in person, if Covid situation allows. Lecture recordings will NOT be provided in normal cases. Poor attendance will have a negative impact on your performance, slow down the class pace, and consequently negatively impact other students' learning. In past experience, students who didn't do well in this course were those that routinely missed lectures.
- Food and cell phone (e.g., for personal use) are not allowed in class.

Quiz and assignment policy

As a general rule, **NO make-up quiz or late submission will be accepted** for credits unless:

- (a) You got **advance** permission (before due) from me about a make-up quiz or a late submission of assignment
- (b) You could not attend the class for quiz or submit the assignment on the day the assignment is due because of a serious illness or unexpected emergency. You need to contact me with a written explanation of the situation and provide **proof** (e.g., medical certificate).

Plagiarism and misconduct policy

Plagiarism (e.g., academic theft) in quizzes, assignments, and exams, depending on the severity, will result in penalties in the range from a zero for that portion of your work, an F for the course, transcript citation, to suspension/expulsion from HKUST. For library guidelines on plagiarism and other resources on referencing/citation, see <https://libguides.ust.hk/referencing/plagiarism>. For HKUST policies on academic misconduct, see <http://ugadmin.ust.hk/integrity/student-1.html>.

Tentative Schedule (subject to change)

Week	Date	Topic	Reading
1	Feb 08	Introduction to Psycholinguistics 1	Carroll Ch.1
	Feb 10	Introduction to Psycholinguistics 2	Carroll Ch.2
2	Feb 15	Introduction & Psychological Mechanisms 1	Carroll Ch.2&3
	Feb 17	Psychological Mechanisms 2	Carroll Ch.3
3	Feb 22	Brain and Language 1	<i>Fromkin Ch. 10</i> Carroll Ch.13
	Feb 24	Brain and Language 2	Carroll Ch.13
4	Mar 01	Brain and Language 3	*Bird et al. (2003)
	Mar 03	Speech Perception 1	<i>Fromkin Ch.5</i> Carroll Ch.4
5	Mar 08	Speech Perception 2	Carroll Ch.4 Culter et al. (1986)
	Mar 10	Speech Perception 3 & Lexicon	Carroll Ch.5 *Cutler et al. (1986)
6	Mar 15	The Internal Lexicon 1	Carroll Ch.5
	Mar 17	The Internal Lexicon 2	*Scarborough et al. (1977; Exp.2 only)
7	Mar 22	First Language Acquisition	<i>Fromkin Ch. 9</i> Carroll Ch.10
	Mar 24	Second Language Acquisition and Bilingualism	Carroll Ch.11 *Wang et al. (2001)
8	Mar 29	Language Processing (eye movement 1)	<i>Allopera et al. (1998; Exp.1 only)</i>
	Mar 31	In-Class Quiz	
9	Apr 05	<i>No Class-Ching Ming Festival</i>	
	Apr 07	Language Processing (eye movement 2)	<i>Marian & Spivey (2003)</i>
10	Apr 12	Language Processing (brain imaging 1)	*Kim et al. (1997)
	Apr 14	<i>No Class-Mid Term Break (Apr 13-18)</i>	
11	Apr 19	Language Processing (brain imaging 2)	<i>Wang et al. (1999, 2003)</i>
	Apr 21	Poster Workshop	
12	Apr 26	Sign Language, Animal Communication, and others	Carroll Ch.13
	Apr 28	Project Consultation	
13	May 03	Poster Presentations 1	
	May 05	Poster Presentations 2	
14	May 10	Final Review and Course Warp-up	
	May 24	Poster Submission Due	

Required Readings

Articles (a written summary is required for one of 5 articles)

- *Bird, H., Ralph, M., Seidenberg, M., McClelland, J. and Patterson, K. (2003). Deficits in phonology and past-tense morphology: What's the connection? *Journal of Memory and Language*, 48, 502-526.
- *Cutler, A., Mehler, J., Norris, D., and Segui, J. (1986). The syllable's differing role in the segmentation of French and English. *Journal of Memory and Language*, 25, 385-400.
- *Kim, K., Relkin, N., Lee, K-M, and Hirsch, J. (1997). Distinct cortical areas associated with native and second languages. *Nature*, 388, 171-174.
- *Scarborough, D., Cortese, C. and Scarborough, H. (1977). Frequency and repetition effects in lexical memory. *Journal of Experimental Psychology: Human Perception and Performance*, 3(1), 1-17.
- *Wang, Y., Jongman, A. and Sereno, J.A. (2001). Dichotic perception of linguistic tones by Mandarin and American listeners. *Brain and Language*, 78, 332-348.

Suggested Readings (optional)

Textbooks

- Anne Cutler (2012). *Native Listening Language Experience and the Recognition of Spoken Words*. The MIT Press.
- Matthew J. Traxler (2011). *Introduction to Psycholinguistics*. Wiley-Blackwell. (Library reserve for days)

Suggested articles are posted on Canvas.